



North Dakota

Monthly Climate Summary

September 2009

Precipitation:

The majority of the September daily rainfall fell on the 8th through the 11th and on the 21st. The North Dakota Agricultural Weather Network (NDAWN) total September rainfall ranged from 5.68 inches at Britton SD to 0.07 inches at Crosby. Areas with above normal precipitation included the central northwest and the eastern part of the State. Most of the above normal values were between 150% and 300% of normal precipitation (Figure 1. High Plains Regional Climate Center). The majority of the below normal precipitation areas had less than 50% with the driest areas falling in the northwest corner.

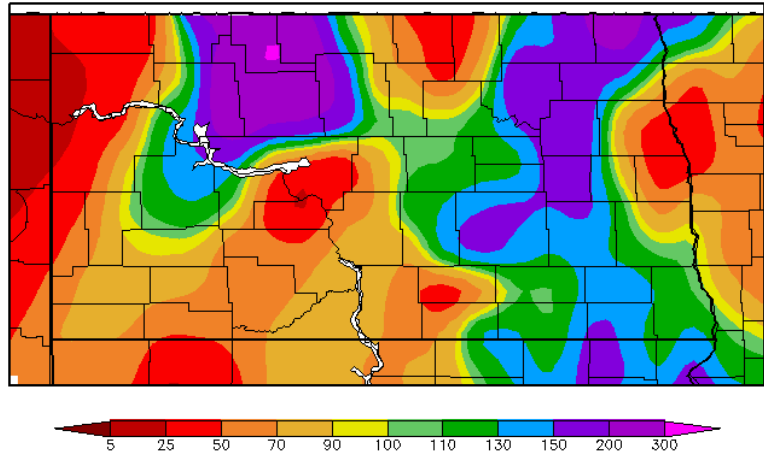


Figure 1. Precipitation Percent of Normal in September 2009 for North Dakota (High Plains Regional Climate Center)

Temperature:

The monthly departure from normal air temperatures were above normal across the State with a range of 2 to 10°F (Figure 2. High Plains Regional Climate Center). The daily average temperatures were above normal for the majority of the month and primarily ranged from approximately 60 to 80°F. Daily temperatures did drop to below normal during the last three days of September. Other than January 2009, when the southwest corner had above normal monthly average air temperatures, the last time there was State wide above normal air temperatures was November 2008.

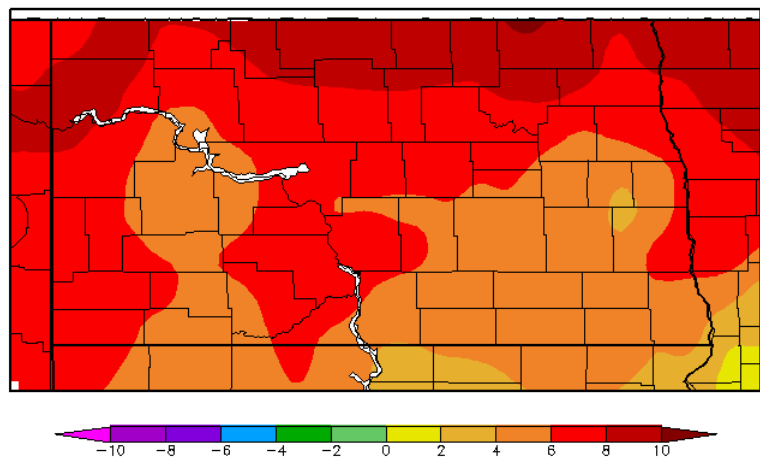


Figure 2. Temperature Departure from Normal in September 2009 for North Dakota (High Plains Regional Climate Center)

September's monthly average temperatures were some of the warmest or near warmest on record at several locations across the State. Williston with 64.3°F and Minot with 64.8°F ranked 1st of the past 62 years. Bismarck with 65.0°F ranked 2nd in the past 136 years. Fargo with 65.1°F also ranked 2nd in the past 129 years.